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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Vladimir V. Martin
Title	Crown Ether Derivatives
Group Art Unit	
Examiner Name	
Attorney Docket Number	2086

I hereby appoint:

☒ Practitioners at Customer Number

23358

OR

☐ Practitioner(s) named below:

Name	Registration Number



PATENT TRADEMARK OFFICE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name	Richard P. Haugland, President of Molecular Probes, Inc.
Signature	<i>Richard P. Haugland</i>
Date	12/18/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Molecular Probes, Inc.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: Crown Ether Derivatives

Molecular Probes, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012182, Frame 0260, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

- [ ] Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12/10/01  
Date

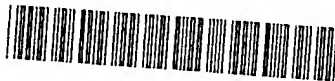
Richard P. Haugland

Richard P. Haugland  
Signature

President

Title

09-25-2001



101853769

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Vladimir V. Martin  
Kyle R. Gee  
Richard P. Haugland  
Zhenjun Diwu

09/20/01

Additional names of conveying parties attached ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Molecular Probes, Inc.  
Internal Address:  
Street Address: 4849 Pitchford Avenue  
City: Eugene State: OR ZIP: 97402-9165jc781 U.S. PTO  
10/02/01

12/19/01

## 3. Nature of Conveyance:

Assignment

Execution Dates: 05/24/01, 05/29/01 &amp; 5/30/01

Additional name(s) & address(es) attached ☐ Yes ☒ No

SEP 20 2001

Application number(s), patent number(s) or title(s):

CROWN ETHER DERIVATIVES

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
60/258,266

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Allegra J. Helfenstein  
Internal Address: Molecular Probes, Inc.  
Street Address: 4849 Pitchford Avenue  
City: Eugene State: Oregon ZIP: 97402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 13-3900

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Allegra J. Helfenstein  
Name of Person Signing

Signature

September 11, 2001  
Date

Total number of pages comprising cover sheet: 1

Mail documents to be recorded with required cover sheet information to:

Director - U.S. Patent and Trademark Office

Box Assignments  
Washington, D.C. 20231

09/25/2001 LWELLER 00000003 133900 60258266

01 FC:581

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ASSIGNMENT

WHEREAS, we **Vladimir V. Martin** and **Richard P. Haugland**, all of Eugene, County of Lane, State of Oregon, **Kyle R. Gee**, of Springfield, County of Lane, State of Oregon, and **Zhenjun Diwu**, of Sunnyvale, County of Santa Clara, State of California have discovered a certain new and useful invention entitled **Crown Ether Derivatives** for which we have filed a provisional patent application with the United States Patent and Trademark Office, said application filed by us on the 19 day of December 2000; and

WHEREAS, **MOLECULAR PROBES, INC.**, a corporation organized under the laws of the State of Oregon, having a place of business at 4849 Pitchford Avenue, P.O. Box 22010, Eugene, OR 97402, is desirous of acquiring an interest therein:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the terms of a prior agreement with Molecular Probes, Inc. we, **Vladimir V. Martin, Kyle R. Gee, Richard P. Haugland**, and **Zhenjun Diwu** do hereby sell, assign and transfer to **MOLECULAR PROBES, INC.**, the full and exclusive right, title and interest in and to said invention, patent application, and resulting patent in this or any foreign country, and all divisions, continuations, reissues, reexaminations and extensions thereof, to be held and enjoyed by **MOLECULAR PROBES, INC.**, for its own use and benefit, and for its successors and assigns to the full end of the term for which the patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do; and we further agree that we will cooperate with **MOLECULAR PROBES, INC.**, or its successors and assigns, in obtaining and enforcing proper patent protection for said invention in this or any foreign country.

This assignment of the invention entitled **Crown Ether Derivatives** executed at the time and place indicated next to our signatures:

  
\_\_\_\_\_  
**Vladimir V. Martin**

At Eugene, Oregon  
(City and State)

on this 30<sup>th</sup> day of MAY, 2001

STATE OF OREGON )  
 ) ss.  
COUNTY OF LANE )

This 30th day of MAY, 2001, before me personally came the above-named  
**Vladimir V. Martin** who executed the foregoing instrument in my presence, and who acknowledged  
to me that he executed the same of his own free will for the purposes set forth therein.



Renee L. Taylor  
Notary Public for Oregon

My commission expires: March 17, 2005

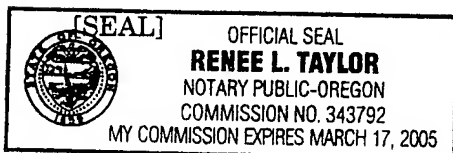
Kyle R. Gee  
Kyle R. Gee

At Eugene, Oregon  
(City and State)

on this 29 day of MAY, 2001.

STATE OF OREGON )  
 ) ss.  
COUNTY OF LANE )

This 29th day of MAY, 2001, before me personally came the above-named  
**Kyle R. Gee** who executed the foregoing instrument in my presence, and who acknowledged to me  
that he executed the same of his own free will for the purposes set forth therein.



Renee L. Taylor  
Notary Public for Oregon

My commission expires: March 17, 2005

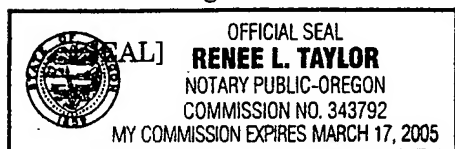
Richard P. Haugland  
Richard P. Haugland

At Eugene, Oregon  
(City and State)

on this 29 day of MAY, 2001.

STATE OF OREGON )  
 ) ss.  
COUNTY OF LANE )

This 29<sup>th</sup> day of MAY, 2001, before me personally came the above-named **Richard P. Haugland** who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Renee L. Taylor  
Notary Public for Oregon

My commission expires: March 17, 2005

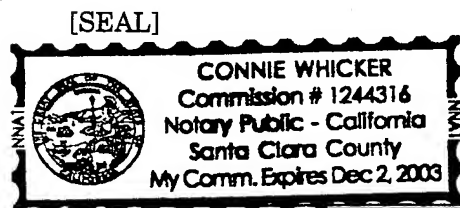
Zhenjun Diwu  
Zhenjun Diwu

At Sunnyvale, California  
(City and State)

on this 24<sup>th</sup> day of MAY, 2001.

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SANTA CLARA )

This 24<sup>th</sup> day of May, 2001, before me personally came the above-named **Zhenjun Diwu** who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Connie Whicker  
Notary Public for Oregon

My commission expires: 12/2/2003